

**WEEKLY STATUS REPORT #2**  
**Parcel E Standard Data Gaps Investigation Phase II**  
**Hunters Point Shipyard, San Francisco, California**  
**November 15, 2002**

**1. WORK ACCOMPLISHED THIS WEEK**

**FIELD WORK**

Phase II Onshore Data Gap Investigation

- Drilling and sample collection continued during the week of November 11-15, accomplishing the following:
  - Collected soil samples from an estimated 50 new borings in IR02 (32 of which were completed through Thursday, with an anticipated 17 additional borings to be completed on Friday).
  - Collected soil samples from 38 borings previously drilled the week of November 4 to collect additional samples (including additional Encore Samples due to high carbonate content in the samples reacting to the preservative used in this procedure).
- Continued to follow requirements in QC procedures, including:
  - collected MS/MSD samples,
  - Prepared daily rinsate samples for each rig and trip blanks for each cooler containing samples for volatile organic analyses.
  - Enter information on the chain-of-custody forms accompanying each cooler to the laboratory.
- Continued data-entry procedures for field information, including the following:
  - Enter the sample location and chain-of-custody information into the sample tracking database, and e-mail the information nightly to Tetra Tech.
  - Enter the geologic information from the boring logs into the boring log database, and upload the information nightly to Tetra Tech.
  - Enter the results of each days drilling efforts into the drilling database.



Driving Direct Push Boring

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**Laboratory Analysis**

Laboratory analyses of soil and aqueous samples (rinsates and trip blanks) from Phase II continued.

Met with representatives from Tetra Tech on November 12 regarding laboratory-related issues:

- Discussed sample volumes and sampling methodology employed during Phase I work. Based on the November 12 discussion, the contractor modified its field procedure to match the Phase I approach of providing longer than 6-inch sample cores for the discrete soil samples collected from the 3-foot borings.
- Discussed and concurred with contractor's approach outlined in Workplan for the screening and identification of soil for collection of VOC and TVPH samples by Encore Samplers.
- Several SVOC samples extracted using the GPC method and analyzed by GC/MS are still showing significant matrix interference. Discussed possible two-step approach for handling these samples in the laboratory. Step 1 would be to run the GPC extract for the full SVOC list at a maximum of 2x dilution. If greater dilution is required, Step 2 would be to re-extract the sample, perform silica gel cleanup on the extract, and run the extract for the full SVOC list with an understanding this run is usable for PAHs only. Both sets of results would be reported. Contractor is discussing this and possible alternate approaches to satisfying the DQOs for PAHs with the laboratory, and Tetra Tech is discussing how to handle the possible dual reporting requirements within the EDD and HPS data base.
- Due to high matrix interference, several TVPH sample runs were experiencing high bias on the closing CCV (continuing calibration verification) standard. The samples were ND for target compounds (gasoline) and appear to satisfy the DQOs. Tetra Tech is investigating whether these sample results should be qualified or not according to Hunters Point protocol.



Photo documentation of completed DP sampling point.

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**DATA MANAGEMENT**

No laboratory results were reported during this week.

<b>2. PROJECTED WORK NEXT WEEK</b>
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**FIELD WORK**

The contractor should complete drilling borings and collecting samples from IR02 and start on boring locations around the power plant (IR11, IR14, IR15, IR38 and IR73).

**LABORATORY ANALYSIS**

The contractor will continue submitting samples for analysis, and will continue to work with Tetra Tech in resolving the issues discussed above.

**DATA MANAGEMENT**

No laboratory reports are anticipated during this week.